

Fig.1

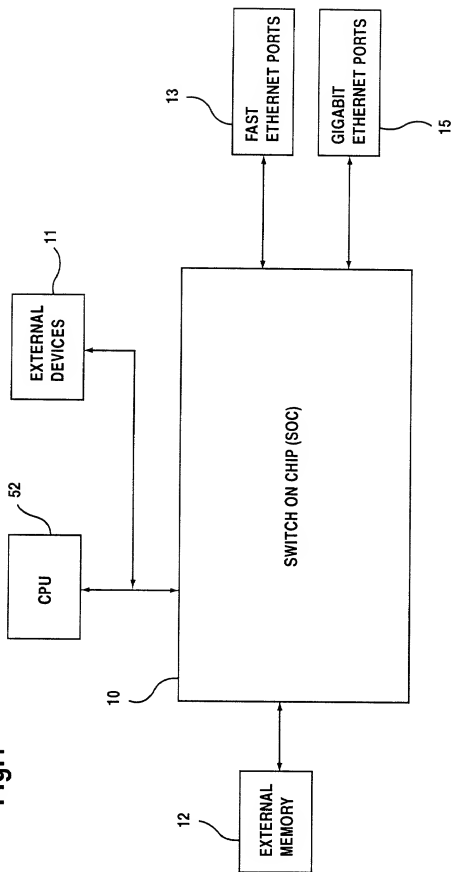


Fig.2

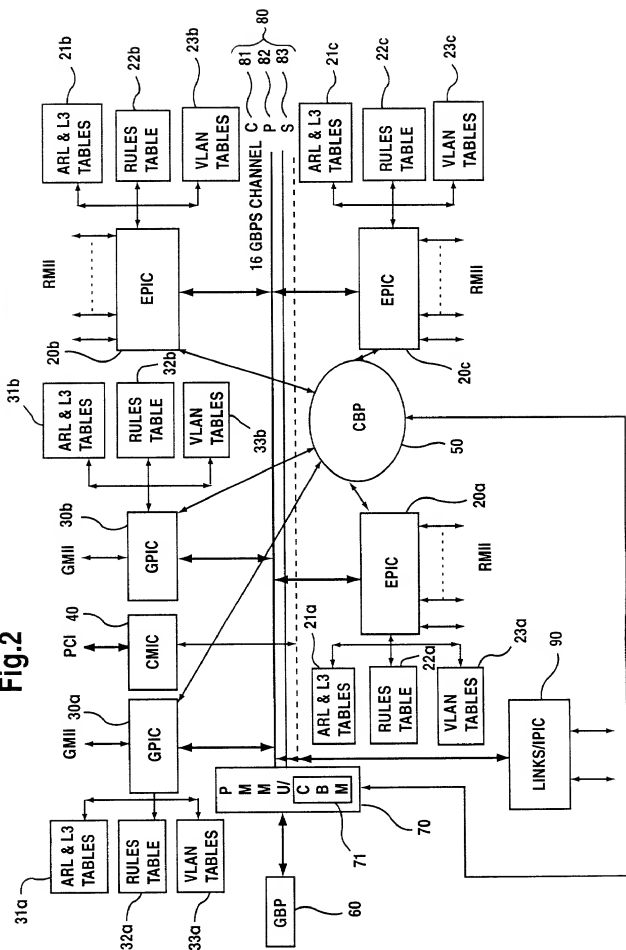
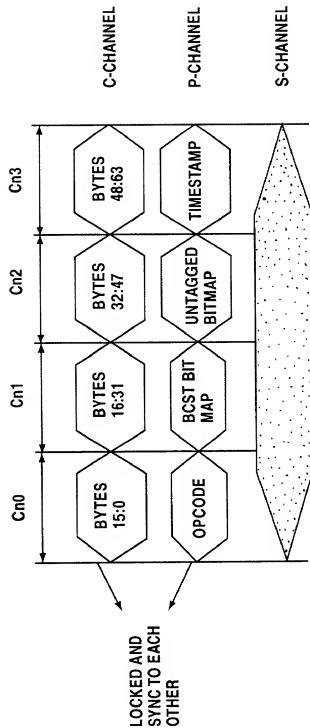


Fig.3



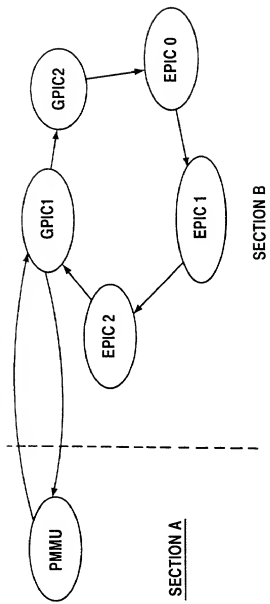


Fig. 4a

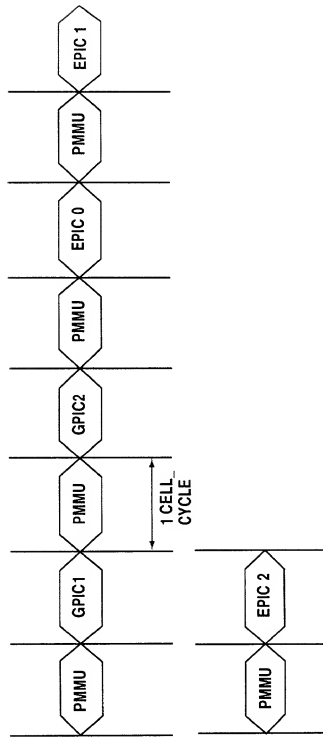


Fig. 4b





**Fig.7**  
PRIOR ART

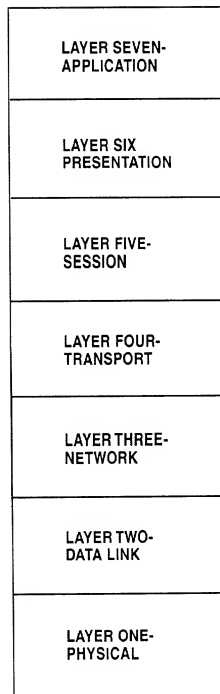


Fig.8

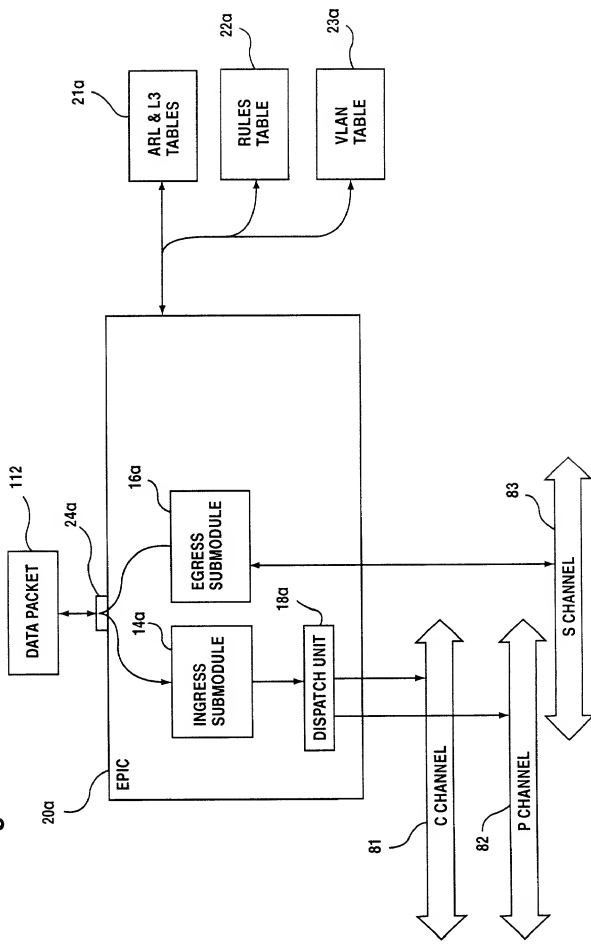




Fig.9

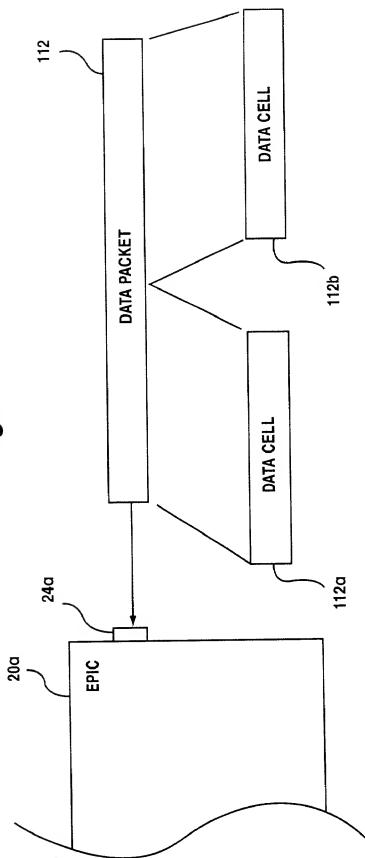


Fig.10

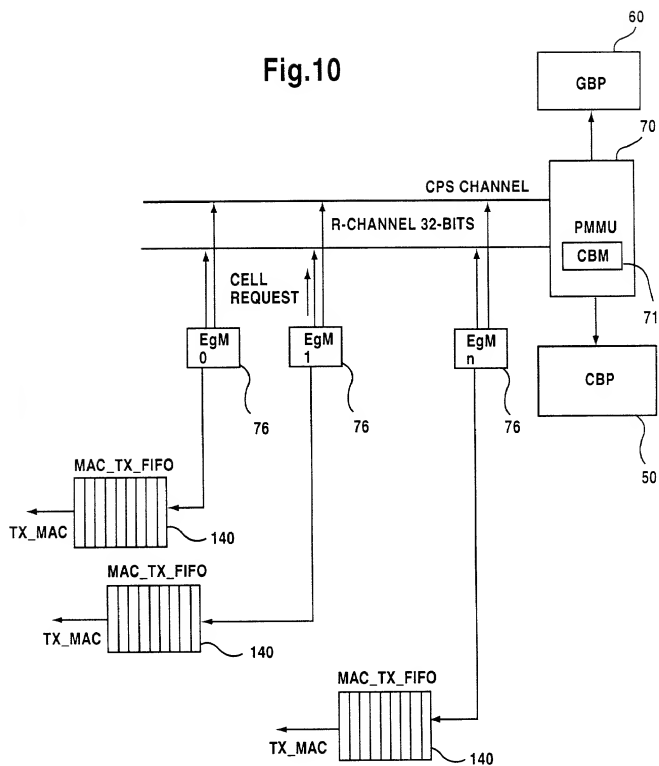


Fig.11

LINE 0 →	FC   LC   BC/MC   CPY_CNT(5b)   CELL_LENGTH(7b)   CRC(2b)   NC_HEADER(16b)   SRC_COUNT(6)   IPX   IP     TIME_STAMP(14b)   O_BITS(2b)   P   NEXT_CELL_LEN(2b)   CPU_OPCODE(4b)   CELL_DATA(0-9b)
LINE 1 →	CELL_DATA(10-27) BYTES
LINE 2 →	CELL_DATA(28-45) BYTES
LINE 3 →	CELL_DATA(46-63) BYTES

[illegible]



# Fig.14

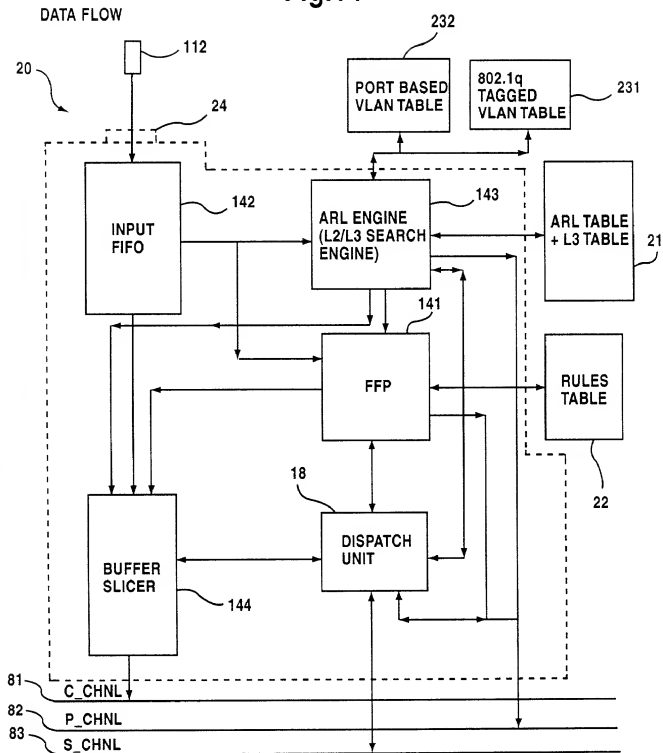


Fig.15

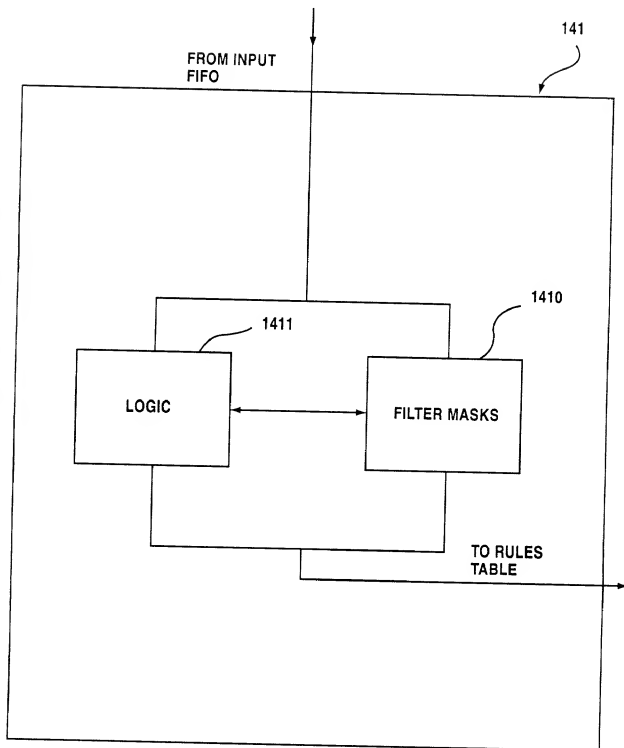


Fig.16

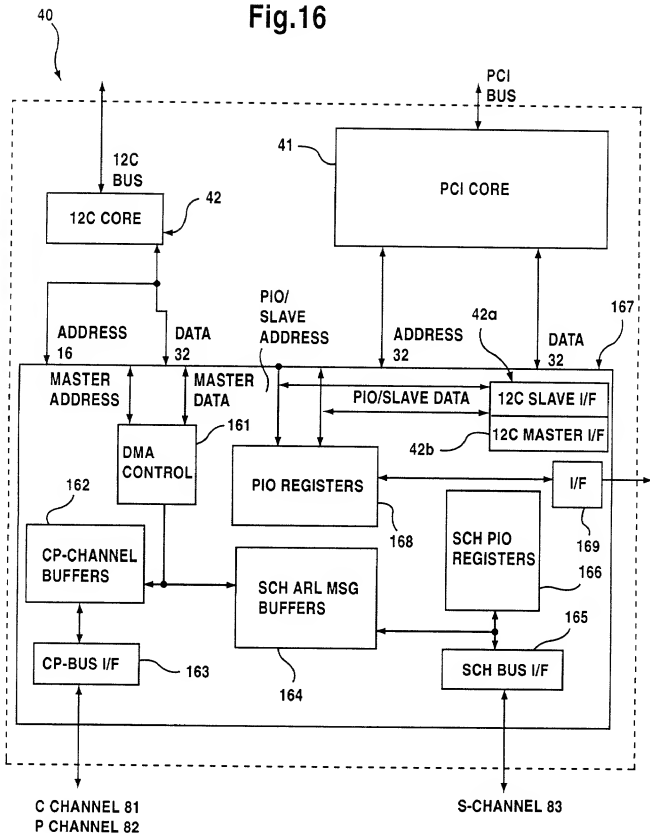




Fig.17

FFP PROGRAMMING FLOW CHART

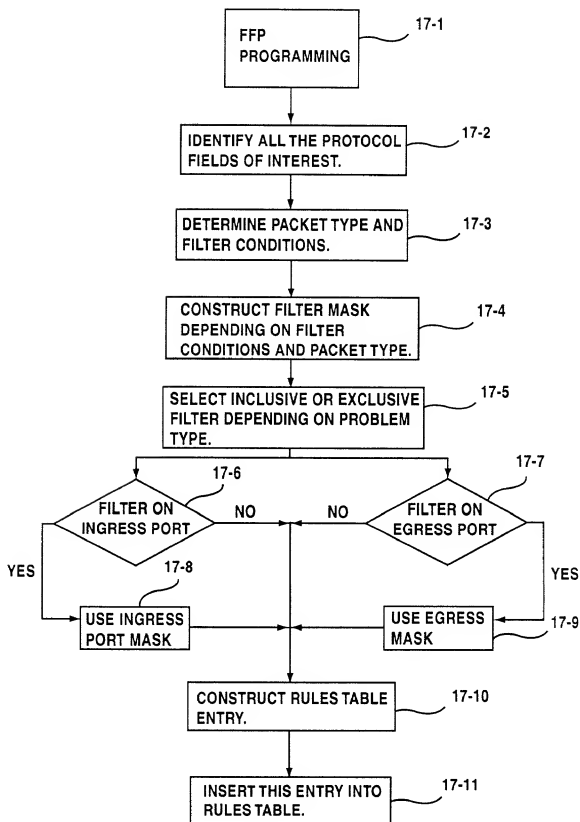


Fig.18

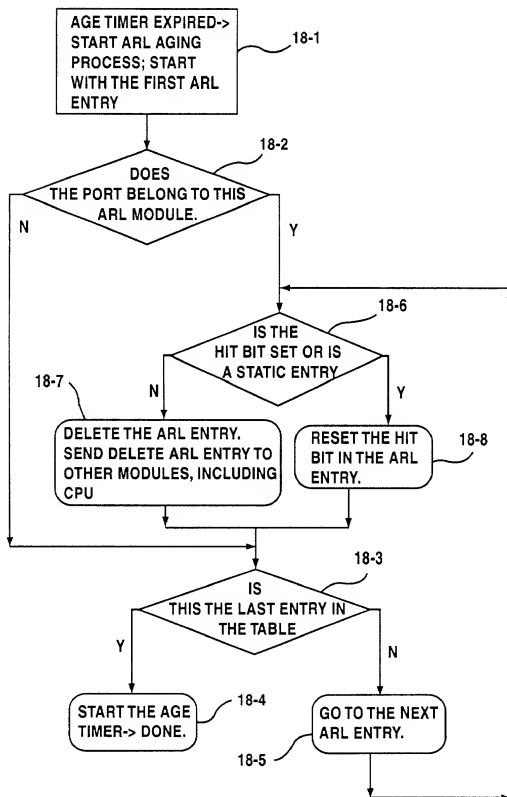


Fig.19

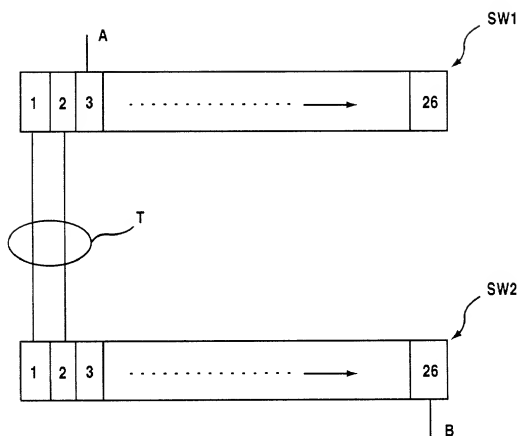


Fig.20

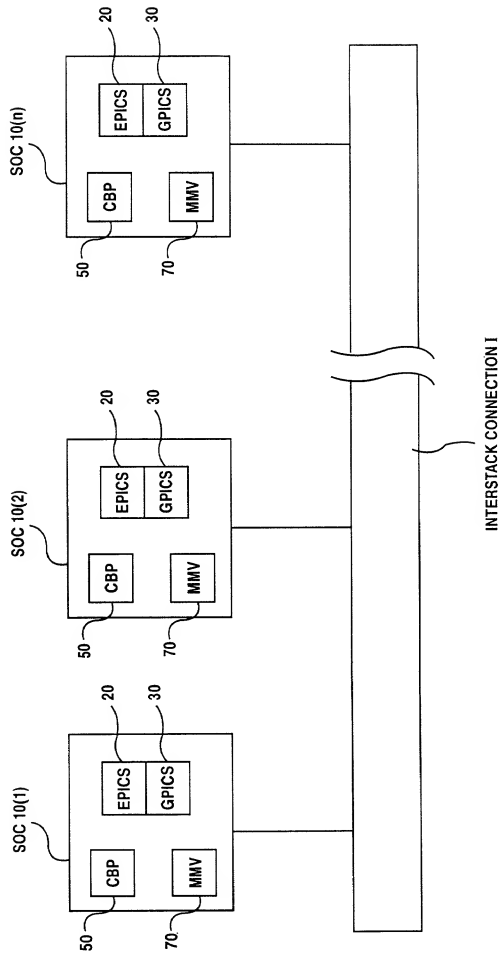


Fig.21

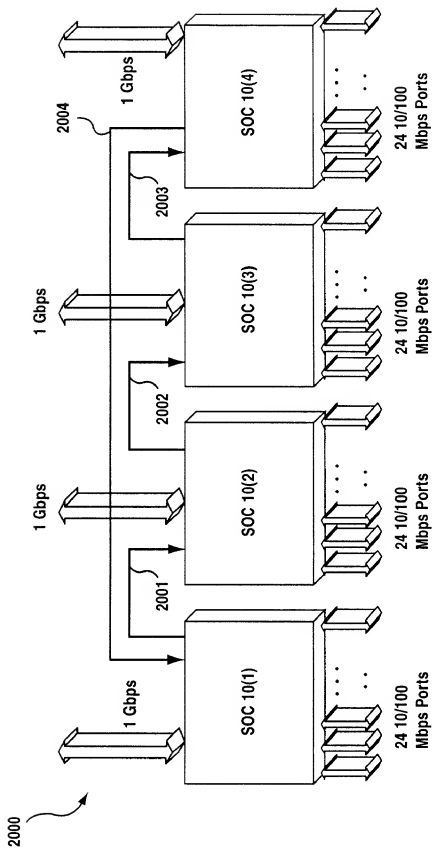


Fig.22

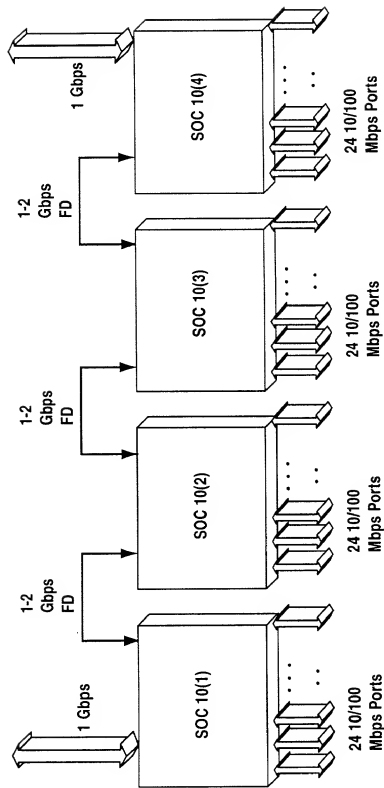
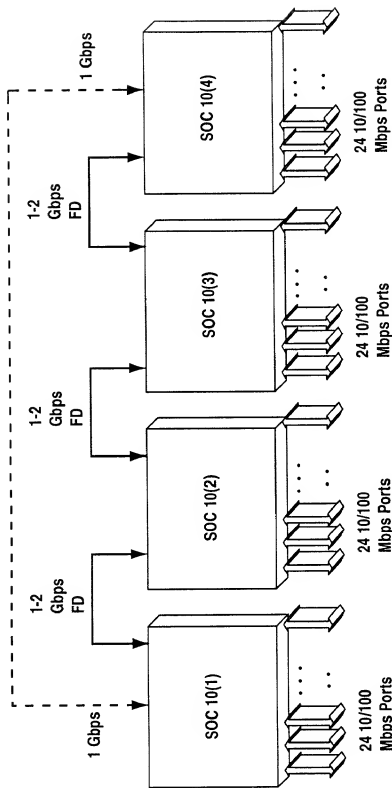
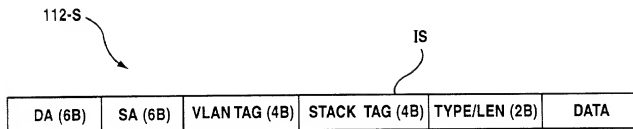


Fig.23



# Fig.24A



# Fig.24B

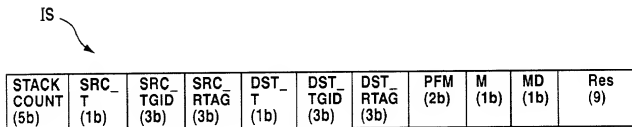
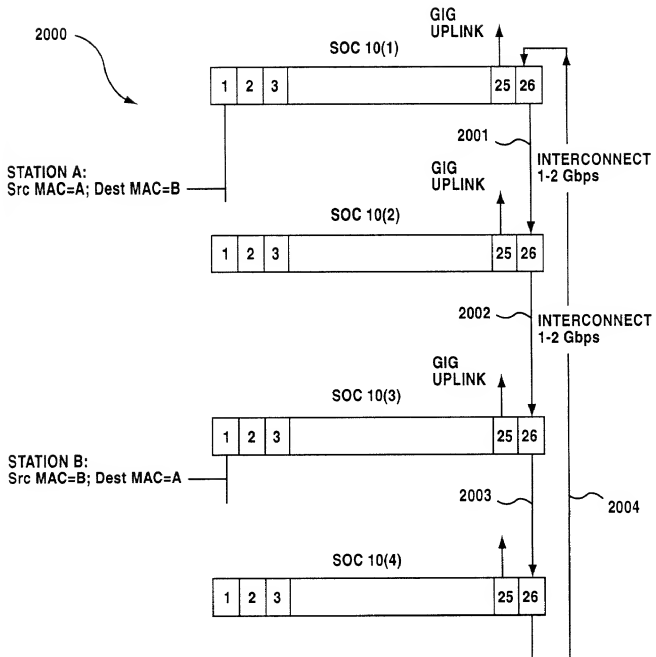
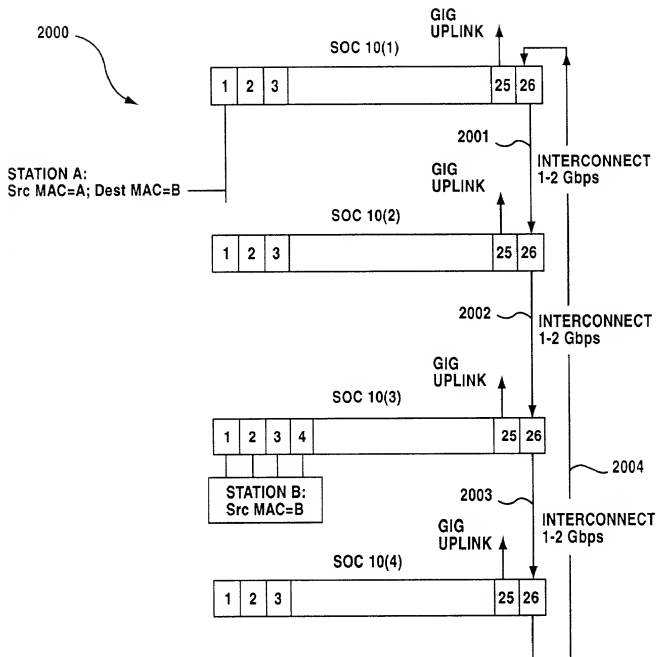




Fig.25



# Fig.26



**Fig.27A**

PORT NUMBER	MAC ADDRESS	VLAN ID	T	TGID	RTAG
1	A	1	0	X	X
26	B	1	1	2	2

**Fig.27B**

PORT NUMBER	MAC ADDRESS	VLAN ID	T	TGID	RTAG
26	A	1	0	X	X
26	B	1	1	2	2

**Fig.27C**

PORT NUMBER	MAC ADDRESS	VLAN ID	T	TGID	RTAG
26	A	1	0	X	X
1	B	1	1	2	2

**Fig.27D**

PORT NUMBER	MAC ADDRESS	VLAN ID	T	TGID	RTAG
26	A	1	0	X	X
26	B	1	1	2	2

Fig.28

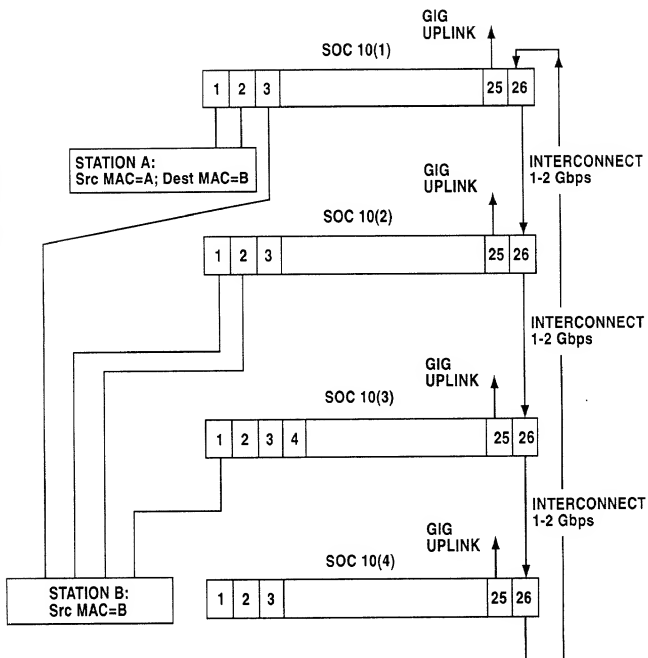


Fig.29

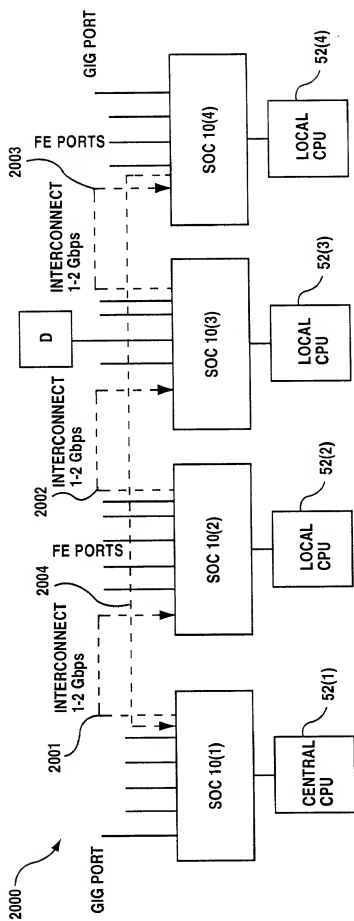


Fig.30

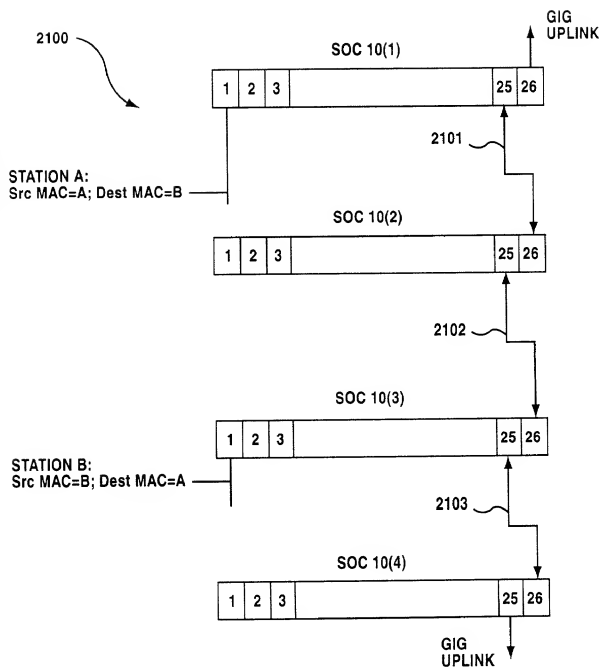
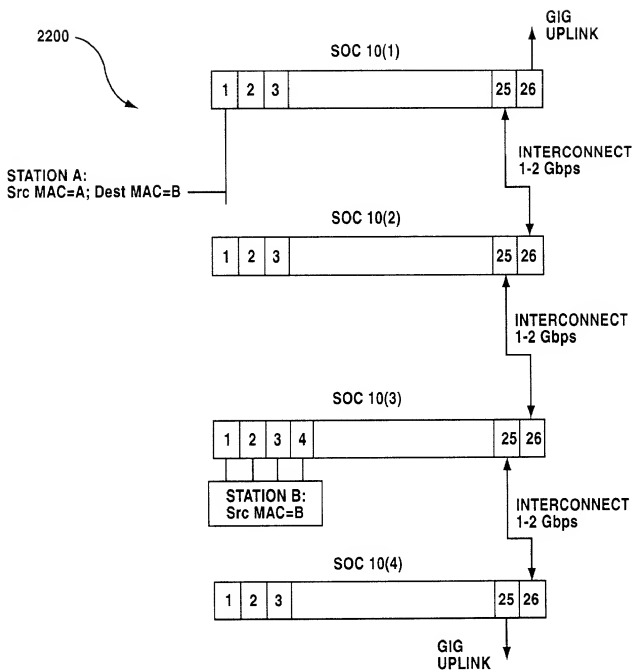


Fig.31



**Fig.32A**

PORT NUMBER	MAC ADDRESS	VLAN ID	T	TGID	RTAG
1	A	1	0	X	X
25	B	1	1	2	2

**Fig.32B**

PORT NUMBER	MAC ADDRESS	VLAN ID	T	TGID	RTAG
26	A	1	0	X	X
25	B	1	1	2	2

**Fig.32C**

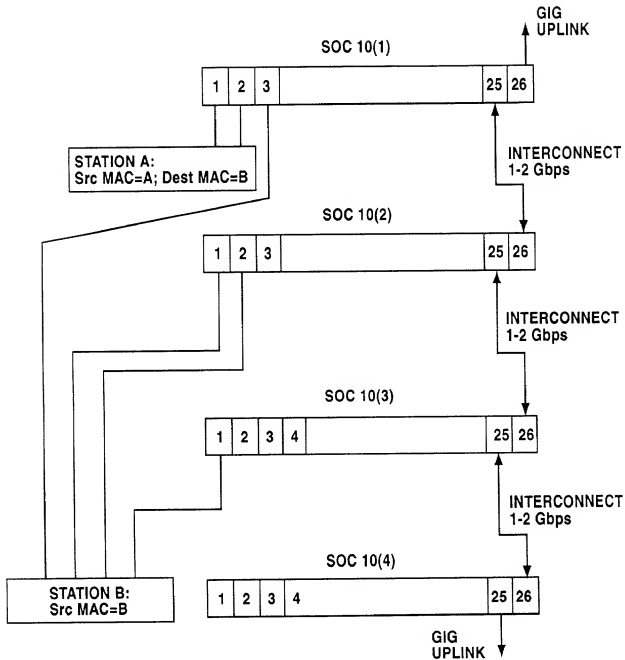
PORT NUMBER	MAC ADDRESS	VLAN ID	T	TGID	RTAG
26	A	1	0	X	X
1	B	1	1	2	2

**Fig.32D**

PORT NUMBER	MAC ADDRESS	VLAN ID	T	TGID	RTAG
26	A	1	0	X	X



Fig.33



**Fig.34A**

PORT NUMBER	MAC ADDRESS	VLAN ID	T	TGID	RTAG
1	A	1	1	1	1
25	B	1	1	2	2

**Fig.34B**

PORT NUMBER	MAC ADDRESS	VLAN ID	T	TGID	RTAG
26	A	1	1	1	1
25	B	1	1	2	2

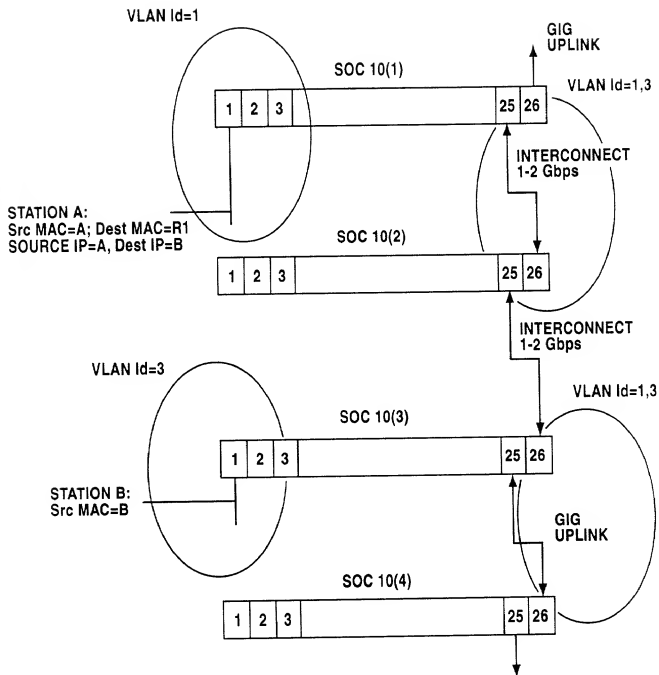
**Fig.34C**

PORT NUMBER	MAC ADDRESS	VLAN ID	T	TGID	RTAG
26	A	1	1	1	1
1	B	1	1	2	2

**Fig.34D**

PORT NUMBER	MAC ADDRESS	VLAN ID	T	TGID	RTAG
26	A	1	1	1	1

**Fig.35**



# Fig.36

TRUNK GROUP TABLE FOR SW1:

TGID	TP0	TP1	TP2	TP3	TP4	TP5	TP6	TP7	TG SIZE
2	25	25	25	25	X	X	X	X	4

TRUNK GROUP TABLE FOR SW2:

TGID	TP0	TP1	TP2	TP3	TP4	TP5	TP6	TP7	TG SIZE
2	25	25	25	25	X	X	X	X	4

TRUNK GROUP TABLE FOR SW3:

TGID	TP0	TP1	TP2	TP3	TP4	TP5	TP6	TP7	TG SIZE
2	1	2	3	4	X	X	X	X	4

TRUNK GROUP TABLE FOR SW4:

TGID	TP0	TP1	TP2	TP3	TP4	TP5	TP6	TP7	TG SIZE
2	26	26	26	26	X	X	X	X	4

# Fig.37

TRUNK GROUP TABLE FOR SW1:

TGID	TP0	TP1	TP2	TP3	TP4	TP5	TP6	TP7	TG SIZE
1	1	2	X	X	X	X	X	X	2
2	25	25	25	3	X	X	X	X	4

TRUNK GROUP TABLE FOR SW2:

TGID	TP0	TP1	TP2	TP3	TP4	TP5	TP6	TP7	TG SIZE
1	26	26	X	X	X	X	X	X	2
2	25	1	2	26	X	X	X	X	4

TRUNK GROUP TABLE FOR SW3:

TGID	TP0	TP1	TP2	TP3	TP4	TP5	TP6	TP7	TG SIZE
1	26	26	X	X	X	X	X	X	2
2	1	26	26	26	X	X	X	X	4

TRUNK GROUP TABLE FOR SW4:

TGID	TP0	TP1	TP2	TP3	TP4	TP5	TP6	TP7	TG SIZE
1	26	26	X	X	X	X	X	X	2
2	26	26	26	26	X	X	X	X	4

Fig.38

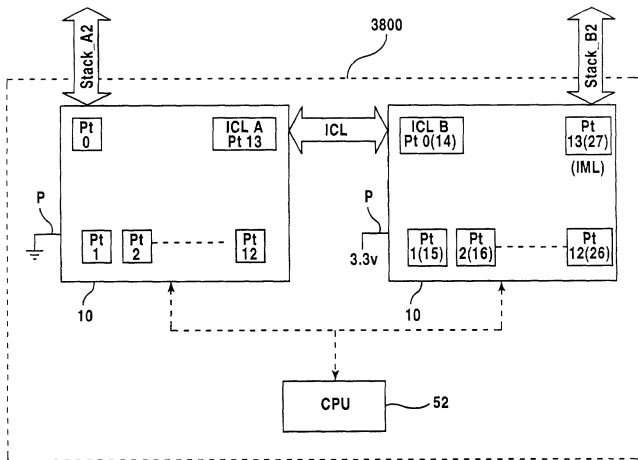
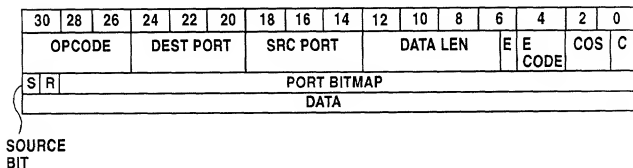
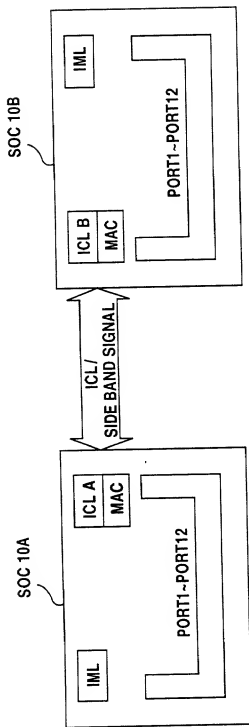


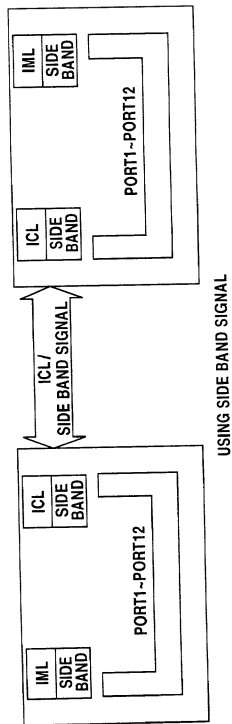
Fig.39





USING MAC CONTROL FRAME SCHEME

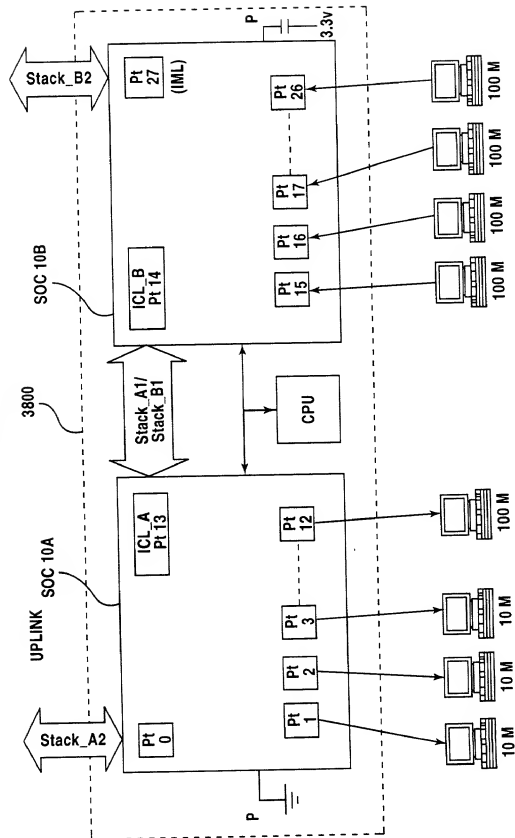
Fig.40



USING SIDE BAND SIGNAL

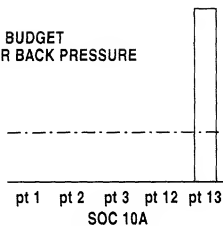
Fig.41

Fig.42



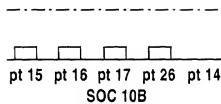


RX BUDGET  
FOR BACK PRESSURE



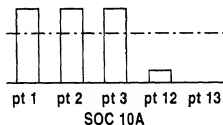
**Fig.43A**

RX BUDGET  
FOR BACK PRESSURE



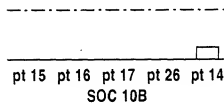
**Fig.43B**

CELL COUNT/PKT COUNT  
FOR COS/HOL



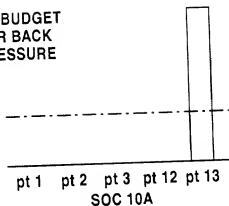
**Fig.43C**

CELL COUNT/PKT COUNT  
FOR COS/HOL



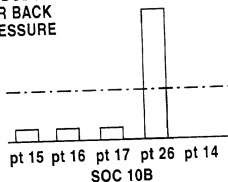
**Fig.43D**

RX BUDGET  
FOR BACK  
PRESSURE



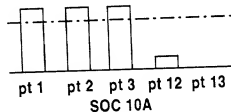
**Fig.44A**

RX BUDGET  
FOR BACK  
PRESSURE



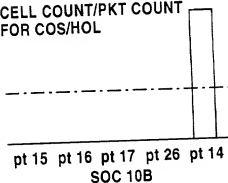
**Fig.44B**

CELL COUNT/PKT COUNT  
FOR COS/HOL



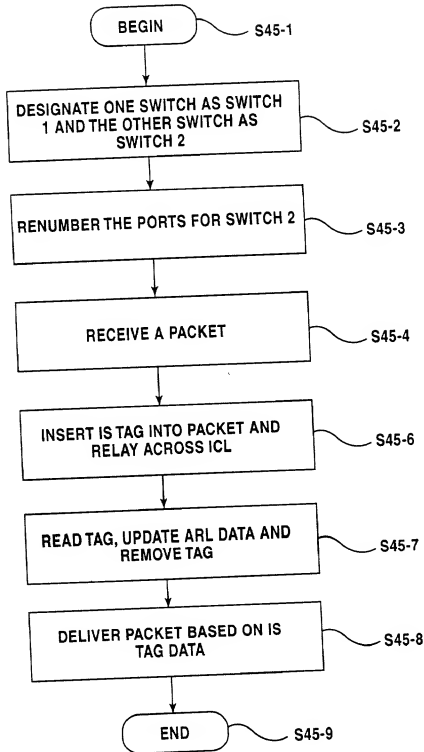
**Fig.44C**

CELL COUNT/PKT COUNT  
FOR COS/HOL



**Fig.44D**

Fig.45



**Fig.46**

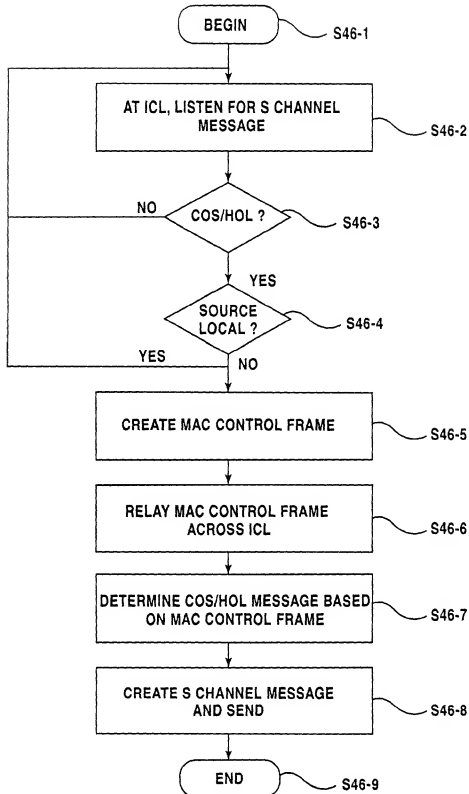


Fig.47

